

SENCOR®

Let's live!

LED TV
SLE 3280M4

USER'S MANUAL
EN



READ THESE INSTRUCTION CAREFULLY PRIOR TO USING TV SET. STORE IT FOR LATER REFERENCE. NOTE THE SPECIFIC MODEL NUMBER AND THE SERIAL NUMBER OF THE TV SET. LOOK AT THE LABEL ON THE BACK COVER AND RELATE THESE DATA PROVIDED HERE TO YOUR VENDOR IN CASE THAT YOU WOULD NEED SERVICE.

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Important Safety Instructions

If you want to use the product properly, read the manual carefully and keep it for future reference. If you will pass (sell) this device to another person, pass along with the device all documentation as well, including this manual.



The lightning symbol within the equilateral triangle indicates that there is dangerous voltage within this device, which presents danger of electric shock.

To reduce the risk of electric shock, do not remove the cover (or the rear side). There are no components inside, which could be repaired by a user. Service and maintenance should be carried out by an authorized service center.



The exclamation mark within the equilateral triangle indicates important operation and service instructions in the documentation accompanying the device.

General safety instructions

- Read these instructions. Follow this manual and the instructions inside.
- Heed all warnings.
- Follow all instructions.
- Use only the attachments and accessories specified by the manufacturer.
- You must not put an open flame on the device, e.g. a burning candle.
- Use the device in temperate climate.
- Under no circumstances are the manufacturer or vendor liable for any direct or indirect damage caused by the failure to observe the instructions for installation, configuration, operation, treatment and cleaning of this device included in this manual.
- Protect the device against impacts, falls, blows, shocks, vibration, moisture and dust.
- Prior to granting children consent to use the device, they shall become familiar with the proper and safe use of the player, corresponding to their age.

Installation, control

- Install the device according to the instructions in the manual.
- Leave free space around the device, it is necessary for proper air circulation. It helps to dissipate the heat generated by the operation of the device. By covering the air vents of the cabinet, you risk overheating and damage of the device. You must ensure that the air circulation will not be prevented by covering the air vents with e.g. newspaper, tablecloth, curtain, etc. Follow the installation instructions in the manual.
- Do not install the device in direct sunlight, or close to heat sources, like radiators, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures shorten the life of the electronic components of the device significantly. Do not use and do not leave the device near an open fire.
- The device must not be exposed to dripping or running water and you must not place upon it objects filled with liquid, e.g. vases. Protect the device against becoming wet, sprayed on or poured on by any liquid, do not leave or install the device outdoors. Do not use the device outdoors. You risk electric shock or fire by not adhering to these instructions.
- Do not use the device close to water.
- Do not try to bypass the security function of the polarized plug. If the plug does not fit into your power outlet, ask an electrician to replace the obsolete outlet.
- Before plugging the device into the power outlet, make sure that the voltage in your power outlet matches the voltage on the rating tag of the device or its AC adapter.
- Make sure that the power cord is not stepped on or compressed, especially close to the plug, the power outlet and at the point where it exits the device or the adapter. The plug (adapter) is used as a disconnection device and has to be easily accessible.
- Remember always to disconnect the plug (adapter) from the power outlet prior to disconnecting the power cord.
- Disconnect the power cord from the power outlet during thunderstorms, or when not in use for a longer period of time.
- Avoid carrying the device from a cool environment into a warm environment or vice versa, or operating the device in a very moist environment. Air moisture may condense in some areas within the device case and may cause the device to become temporarily inoperable. In this case, leave the device in a warm and well-ventilated area and leave for 1-2 hours until the moisture evaporates. The device can be normally used again. Be especially cautious when using the device for the first time during a cool season immediately after purchasing.
- To recharge the battery block integrated into the device (if the device contains it) place the device in a well ventilated place, at a sufficient distance from highly combustible materials.
- Neither the manufacturer, nor the vendor are liable for any direct or indirect damages caused by failure to follow instructions for installation, setup, operation, maintenance and cleaning of the device, listed in this manual.
- Protect the device against impacts, falls, blows, shocks, vibration, moisture and dust.

Service and maintenance

- To avoid risks of electric shock or fire, do not remove the device from the case – the case does not contain components that the user could repair or adjust without the necessary equipment and qualification. Contact a professional service centre if your device requires service.
- In the event of any unusual occurrences during the use of the device, e.g. smelling the characteristic smell of burning insulation or even seeing a smoke, turn the device off immediately, disconnect the power supply and wait with further use of the device until you learn the result of its inspection by the service personnel.
- Leave all service to qualified service personnel. Service is necessary when the device is damaged in any way, for example in case of damage to the power cord, spilling liquid on the device, intrusion of foreign objects into the device, when the device is exposed to rain or moisture, if the device does not function in the usual manner or if it falls down.
- Before cleaning, moving, removal of disc from the device and other maintenance, disconnect the plug from the power outlet.
- Clean the device with a dry cloth only.
- Do not use gasoline, thinner or other solvents or abrasives, scouring pads, or sponges with scouring pads to clean the device.

Remote control and batteries

- Do not expose the remote control and batteries to direct sunlight or heat sources, such as radiators, heat exchangers, ovens or other appliances (including amplifiers) producing heat. Do not use and do not leave the device near an open fire.
- Remote control and batteries may not be exposed to dripping or running water and no objects filled with water should be placed on them, for example, vases. Protect them from getting wet, from being sprayed or from spilled liquid of any kind. Do not use outdoors. Failure to do so, risks damage to the remote control or batteries.
- Do not use the device close to water.
- It is necessary to consider the environmental impact when liquidating the batteries.
- Do not expose the remote control to high pressure. Do not place heavy objects on the remote control.
- The incorrect use of batteries may cause an electrolyte leak and corrosion. For the remote control to operate properly, use these instruction:
 - Do not insert batteries with wrong polarity.
 - Do not charge, heat or open the batteries.
 - Do not throw the batteries in the fire.
 - Do not leave dead batteries in the remote control.
 - Do not combine different types of batteries or old and new ones.
 - If you will not use the remote control for a long time, remove both batteries from it, you will prevent an eventual damage to the device by leakage.
 - If the remote control does not work properly or its effective range decreases, change all the batteries for new ones.

- If there is an electrolyte leakage from the batteries, have the remote control serviced by an authorized technician.

**WARNING**

To prevent risk of fire or electric shock, do not expose the device to rain or moisture.

**WARNING**

The batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

The appendix to the operation manual for the LCD screen**SENCOR® Warning when viewing static images, red/blue/green/black dots on the screen.****Static image display can cause permanent damage to the LCD panel.**

- Do not display a static image on LCD panel for a period longer than 2 hours, since the image may stay impressed on the screen. This image impression is called the "Screen burn". To avoid impressing image, decrease the brightness and contrast on the screen when watching static image.
- A similar effect of a "Burn image" might appear on LCD panel due permanent display of TV channel logo.
- Watching screen in the formats 4:3, 16:9 or similar modes, which do not cover the whole screen for a long period of time, may leave traces of display on the left, right side or the center of the screen, caused by different level of light on the screen. DVD playback or video from games console may cause similar effect on the screen.
- Displaying static image and video games and from your computer for a longer period of time may cause partial residue of the image. To avoid this effect, reduce your brightness and contrast when viewing static images.

**The damage caused by the above-mentioned reasons is not covered by warranty!****Red, blue, green, and black dots may appear on the screen.**

- This is characteristic of the liquid crystals and does not mean a problem. Panel with liquid crystals displays are manufactured using a very precise technology bringing fine image details. On occasion, inactive pixels may appear on the screen, which will appear as solid red, green, blue or black dots (up to a maximum of 0.001% of the

total number of pixels). Note that this does not affect the performance of the LCD screen.

Concerning the USB connector:

- USB memory device must be plugged directly into the device. Do not use a USB extension cable, it might cause data transfer failure or interference. Electrostatic discharges may cause malfunction. In this case, the user must restart the device.
- Prior to using the USB memory device, test its communication capacity with the device and its speed of reading and writing data.
- For maximum reading speed, we recommend to keep the disc space defragmented. Use file system FAT32, single partition, no protection. If the reading/writing of the memory device is not smooth, it can lead to undesirable effects, such as interruption of the image (blocky image) or failure of whole frames, audio malfunctions, and in extreme cases, stopping of the operation. Unexpected behaviour of the memory device or the presence of viruses or other malware, may cause stopping of functioning of the device and need to be restarted.
- The USB connector is of standard type and cannot supply power to highly powered USB devices (e. g. hard discs HDD). Use devices with their own power supply and power them from their own power.
- The device was designed for maximum compatibility with memory devices. Due to the wide range of the devices on the market, it is not possible to guarantee compatibility with every USB device. In case of difficulties, try to format the memory device directly inside the device. If difficulties persist, use another memory device.

It is not possible to ensure compatibility of the device with all types of SD/MMC/MS cards/USB devices due to wide range of SD/MMC/MS cards/USB devices on the market.

Serial number of the device

The serial number of the device is a unique number, which identifies your device. Please, note below the serial number of the device together with other important data, which identify your device.

Serial number: _____

Date of purchase: _____

1. Introduction

Thank you for purchasing our TV set.

We recommend that you read the whole manual before installation and configuration of the TV set – it contains important information for the best and safest use of all its features and functions. Keep the instructions in case you need them for future reference.

1.1. Assembling stand

If the TV set is supplied disassembled, put the TV set screen down on a flat surface. Use soft cloth, e. g. a blanket or a towel as a pad. Fasten the leg of the stand to the bottom of TV set (see figure below).

Put the stand on the leg and secure with screws (included).



WARNING:

Incorrect handling, dragging or climbing on TV can cause it to fall and cause also subsequent property damage and injuries. Therefore you should ensure that the children do not play with the TV set, do not climb on it or otherwise use it when playing. Otherwise, you might cause damage to the TV set, property or injury. Also, adhere to all safety warnings and instructions provided in this manual.

1.2. TV set location

Place your TV on a stable surface in a place where it would not be exposed to direct sunlight.

Please ensure the proper ventilation of the TV set.

Follow instructions in the previous section of the instruction manual – safety instructions/installation.

1.3. Installation on the wall

Your TV can be installed on the wall using holder. The holder is not included.

For mounting the TV set on the wall, follow the instructions delivered with holder.

Note:

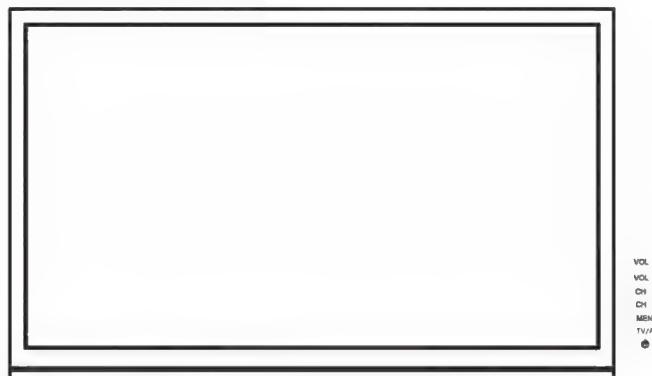
Do not assemble the holder alone. Please contact a professional worker for the installation. The TV must be installed on the wall only on the basis of the specifications concerning the holder listed here and referred to in the instruction manual. Incomplete or incorrect installation can cause damage to the TV set, the holder and injury to persons.

1.4. TV accessories

The TV set comes with following accessories:

- remote control
- stand for installation of the TV set on a table (cabinet)
- Operating instructions for TV set
- Video cable (cinch)
- cable for connecting component video signal (cinch).

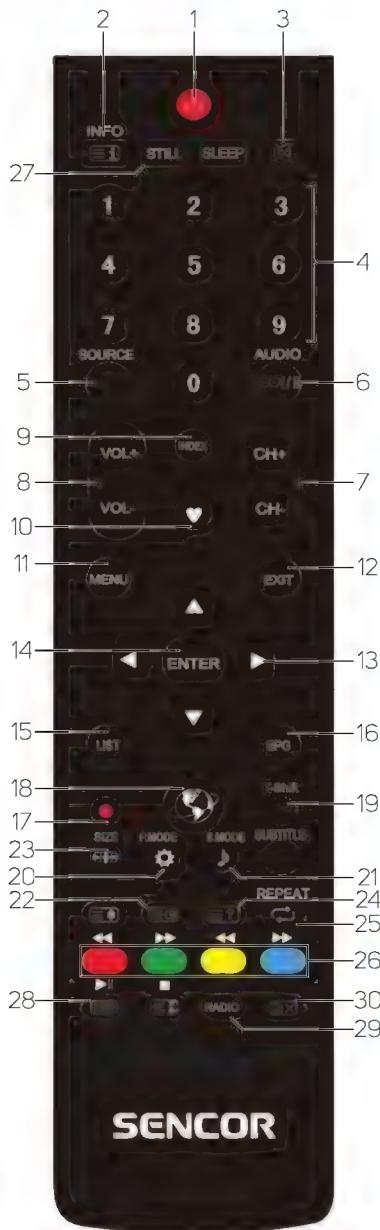
2. Device Description



(Pictures of the device may vary depending on the model.)

Number	Button name	Button functions
1	CH+/CH-	For the gradual selection of TV programs
2	VOL+/VOL-	For setting volume
3	MENU	For display/exit menu
4	TV / AV	For selecting a source signal
5	⊕	For switching TV set ON/OFF

3. Remote control



The following buttons are available to the TV user on the remote control:

1. **POWER** button – for switching TV ON/OFF (standby)
2. **INFO** button – information about received program
[? button – displaying teletext index page during teletext reception (100)
3. **MUTE** button – press to mute sound immediately, press again to resume the original volume
4. **Number pad** – direct selection of TV programs, search for required page or subpage of the teletext, inserting key word, inserting numerical values in menus, etc.
5. **SOURCE** button to select a signal source for the TV set
[? button – during intake is teletext button [? used for display of hidden information of the teletext, such as responses in various competitions.
6. **AUDIO** button (III/II) – this button is used for selecting the soundtrack mode (audio track).
7. **CH+/CH-** buttons – for the gradual selection of programs in ascending or descending order. After a display of any list (e.g. List of programs), the buttons are used to select from the list.
8. **VOL+/VOL-** buttons – for volume setting
9. This button is non-functional for this TV set model.
10. **HEART** button – to display / turn off your list of favorite programs
11. **MENU** button – pressing this button gains access to display menu to set various functions of the TV set. Depending on the circumstances, this button is used to switch to previous levels of menu/exit menu.

12. **EXIT** button – a button to switch to the previous levels of menu/exit menu
13. **Arrow buttons** – are used mainly for navigation in menus
14. **ENTER** button – a button to confirm your selection from the menu or to insert the required values
15. **LIST** button – to display list of programs / turn off the list by pressing this button again
REPEAT button – in USB Mode, this button is used to select desired mode of repeated playback.
16. **EPG** button – display or turn off an electronic program guide according to the information received from the TV broadcast.
17. This button is non-functional for this TV set model.
18.  button – menu of Internet functions
19. This button is non-functional for this TV set model.
20. **P. MODE** button – cyclic switch between picture modes (standard, dynamic, movie, user)
21. **S. mode** button – cyclic switching between audio modes (standard, music, movie, sports, user)
22.  button – for switching ON/OFF of displaying subtitles and to select language for subtitles (if broadcast)
23.  button – for the selection of picture size
 button – for changing the teletext screen size
24. This button is non-functional for this TV set model.
25.  button – to switch to TV program watched prior to switching to currently received TV program
26. **Coloured buttons (red, green, yellow and blue)**. The TV set in USB mode, the buttons have the following functions:
 – to find a required place in a recording using rewind
 – to find a required place in the recording using forward
 – to skip to the beginning of the previous file
 – to skip to the beginning of the next file
27. **STILL** button – to stop picture.
 button – to stop gradual displaying of subpages of extensive information when receiving teletext. Restore rotation of the subpages of teletext by pressing the button again.
 button – to stop playing in the USB mode
28.  button – to TV to receive teletext. Repeated pressing of this button displays gradually pages of teletext with the background of received TV program/switch to TV reception.
 button – press this button to start playing in USB mode, press again to pause playing.
29. **RADIO** button – switching between TV-programs and radio stations.
30.  button – press to switch off teletext, press again to end teletext reception.

Notes:

- All the pictures in this manual are intended only for information of the user and may differ from reality.
- The buttons on the remote control, which are not mentioned in the preceding text are not used.

Inserting batteries into the remote control

1. Open the cover of the battery compartment cover in the back.
2. Insert two batteries type AAA, be sure to maintain correct polarity. Do not use old and new batteries in the same time.
3. Close the cover.
Place the remote control opposite the sensor of the wireless TV set and use it at the distance of up to 8 meters. Effective range is reduced by strong light, fluorescent lighting and weak batteries.
Dispose of the used batteries properly – they may harm the environment.

Note:

- One set of batteries lasts 1 year with normal use.
- If you do not use remote control for an extended period, remove the batteries to prevent their leakage and damage to the remote control.
- Do not use old and new batteries at the same time.
- Batteries (battery pack or inserted batteries) must not be exposed to excessive heat, such as sunlight, fire, etc.

4. External devices connection

Before connecting any external device, make sure that:

- You carefully read this manual and operating instructions for external devices and acquaint yourself with all the listed instructions, warnings and precautions.
- Both devices (TV and connected device) are turned off and the power supply cables have been disconnected from a network sockets.

Connect the power cables only after everything is connected.

Prior to the installation and setting up TV set, please carefully read the corresponding chapter guidelines "for safe use of TV set" in the preceding instructions and continue according to instructions.

1. Remove the TV from the shipping carton and place it on a flat solid surface in a well ventilated room.

Notes:

- It is essential to turn off the TV set prior to connecting or disconnecting the TV set to or from the power supply.
- Do not disconnect the power supply cable or the signal cables from the connectors/outlet by pulling on the cables – always hold the cable by the plug or by the connector.

2. Antenna output signal from another device may be linked to TV antenna input.
3. Output connectors of AV DVD player can be connected by AV (cinch) cable with the input connectors AV of TV set.

Note:

It is not possible to use in the same time the VIDEO output connectors (cinch) and COMPONENT connector (YPbPr) because these outputs share the same signal audio output.

4. Connect the output connectors COMPONENT (YPbPr) of the DVD Player (if the player is equipped with them), using AV cable to input connectors COMPONENT (YPbPr) of the TV set.
5. For processing the VGA signal from the PC, connect using VGA cable the VGA signal output from the PC graphics card with the VGA input connector of the TV set. Secure the cable connectors by screws (by turning them clockwise).

Note:

When connecting VGA cable (15-pin) do not use force – inappropriate treatment of cable connectors risk their damage.

6. If the component connected to the TV is equipped with HDMI output connector, connect it using cable with HDMI connectors with HDMI input connector of the TV set.

Note:

When connecting HDMI cable do not use force – inappropriate treatment of cable connectors risk their damage.

7. For the separate processing of analog audio signal output and composite video signal from the TV, connect the output connectors of the TV AV with the input AV connectors of the external component using AV (cinch) cable.
8. Prior to connecting TV set to power supply, check if the connections of AV cables are connected to corresponding connectors correctly.
9. Connect the TV to the power supply.
 - Insert the power cord plug of the TV set into the power outlet.
 - For television power supply use AC power supply voltage of 100–240 V~ / 50/60 Hz – never use voltage outside of this range for the TV power supply.

5. Basic controls

5.1. Turn the TV set on and off

How to turn the TV set on and off

1. Plug power cable plug in the outlet.
2. Press the button to turn on the TV set **POWER**  on the remote control or the button **POWER** on the TV set.
3. A normal picture will appear on the screen after about 15 seconds. In case of absence of the input signal, the screen will display "No signal".
4. If you need to switch off the TV set temporarily, press **POWER**  button on the remote control, or the button **POWER** on the LCD TV set panel and the set will switch to standby mode.
5. If you want to switch off the TV set completely, you should switch off the power supply or disconnect the power cord from the wall socket.
6. After turning the TV set off, wait at least 5 seconds before your restart it.

5.2. Installation

After you first turn on the TV

Connect a cable of suitable length with the common TV antenna socket (cable TV) with antenna input of the RF IN of the TV or connect to the input the connector of antenna adapter.

5.2.1. Language selection

Use the arrow buttons to select from the displayed menu of languages the language that you want to use for menus and reports on the TV screen. Confirm selection by pressing button **ENTER**, on the screen will be displayed menu **DVB Tuning Type** for the selection of TV tuner.

5.2.2. Choice of TV tuner type

The TV is equipped with two tuners for the reception of digital TV, that is with the tuner for receiving terrestrial digital TV (DVB-T its part is tuner for terrestrial analogue TV reception) and tuner for receiving digital cable TV (DVB-C).

Using **◀/▶** buttons, select from displayed menu **DVB Tuning Type** you want to use – thus will be specified the type of received digital TV. Confirm selection by pressing **ENTER** button – on the screen will be displayed menu to select country of the TV installation **Country**.

5.2.3. Country selection of the TV set installation

Select from the displayed menu the country of the TV installation using arrow buttons and press **ENTER** to confirm.

5.2.4. Auto-search TV programs

The automatic search of the TV programs are gradually finds programs of digital terrestrial TV (DVB-T), analogue terrestrial TV programs and digital cable TV programs.

If needed, you can specify the requirement to skip search TV programs of a particular type, e.g. terrestrial analogue TV programs.

Follow these instructions:

When you require to receive DVB-T and/or the terrestrial analogue TV, select from the displayed menu **DVB tuning type** tuner to receive digital terrestrial TV (DVB-T), confirm by pressing **ENTER**. Then click on the **MENU** button and press **◀** to highlight **YES** in the field with question **Do you want to skip DTV tuning?**, for the continuation of the search of DVB-T programs highlight **NO**.

Similarly, you can set skipping search of terrestrial analogue TV programs (by highlighting **YES** in a field with question **Do you want to skip ATV tuning?**).

If you have selected tuner to receive DVB-C, specify in the window **Tuning Mode Network** some search parameters (Network ID = Network identification; Search = search).

Skip search of digital cable TV programs by highlighting data **YES** in a field with question **Do you want to skip CTV tuning?**.

5.2.5. Source signal selection

To display the list of the sources of the input signal, press **SOURCE** and then use the **▲/▼** buttons or press the **SOURCE** button repeatedly to select the required source of the signal.

Confirm by pressing **ENTER**, to switch TV to normal operation mode, press **EXIT** button.

6. Main menu

The display the main menu, press the menu button, by pressing button when the menu is displayed, depending on circumstances it would switch to previous menu level or exit.

Using the ►/◀ arrow buttons highlight the icon of the required submenu, to display press **ENTER**

If no button would be used within about 10 seconds the menu or submenu will switch off automatically.

Description of the main menu



Menu Channel

To configure reception of the TV programs in accordance with user requirements. Detailed information can be found further in the instructions.



Menu Picture

To set picture functions. The used setting procedures differ slightly depending on the source of the signal.



Menu Sound

To set audio in accordance with user requirements.

Detailed information can be found further in the instructions.



Menu Option

To set time, network, language of menus and screen messages, setting PVR and FTS file systems.

Detailed information can be found further in the instructions.



Menu Application

To select network applications.

Detailed information can be found further in the instructions.

6.1. Menu Channel

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Channel** and to display the same submenu press the **ENTER** button.

1. Use the **▲/▼** buttons to select from the submenu the function you want to use, press **ENTER** to confirm.
2. Set selected function according to your needs.
3. To save the settings, press **MENU**, you will be returned to the previous menu level.

Note:

Menu **Channel** is available only for TV in TV mode (TV reception).

6.1.1. Country

1. Using **▼/▲** buttons select from displayed **Country**, and for its display press **ENTER**.
2. Use the arrow buttons to select the country of the TV installation, confirm by pressing **ENTER**.

6.1.2. LCN

Use the **▼/▲** arrow buttons to highlight detail **LCN** (logical channel number), and then by selection of **On** use **◀/▶** buttons to turn the function on or by selecting **Off**, turn it off.

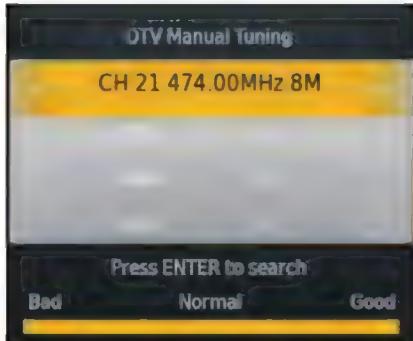
6.1.3. Channel Search

Using **▼/▲** highlight **Channel Search** and press **ENTER** to confirm. Then select **Air** (Antenna) or **Cable** to specify the used source of the signal.

First will be scanned channels used by digital programs, then will be scanned channels used by analog programs.

Before the automatic search programs check if your actual source of the signal corresponds (**Air** or **Cable**) with the source of the signal provided in submenu. Incorrect setting of signal source may result in not finding any program.

No coded programs are displayed in the results of programs search.



Screen of manual tuning DVB-T



Screen of manual tuning of analogue terrestrial TV

6.1.4. Electronic TV program guide (EPG)

Using ▼/▲ highlight **EPG** and press **ENTER** to enter.

To display submenu, you can also use button **EPG** on the remote control.

Note:

EPG information is loaded from progressive broadcast for several programs combined in so-called multiplex. Wait for a while for a full loading (max. for a few minutes for uninterrupted signal). The information is stored in the TV memory until it is switched off. To retrieve information from another multiplex you must choose any program from a given multiplex.

The broadcaster of a given program is responsible for the content and current EPG information.

6.1.5. Record TV program

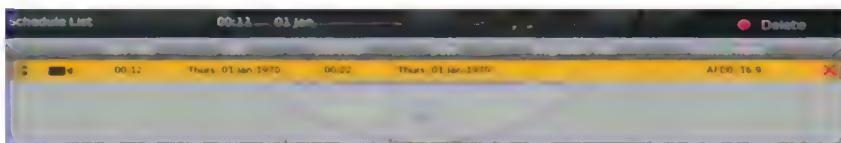
Press **red** button to switch to TV programming mode **PVR** (Personal Videorecorder), confirm by pressing **ENTER**.

On the screen will be displayed submenu **Record**, allowing parameter programming of the recording program, which will play in the programmed time even in your absence.

Note:

Use for recording the USB disk (flash memory) or hard disk drive (with its own power supply – power supply for the drive through USB connector risks problems), formatted for FAT32 file system or (better) NTFS, directly attached (without using USB cable extension) to USB connector of the TV set.

The recording media used must be of a sufficient speed of reading and writing, so that the record would be high-quality, without interruption and without damage. Specific speed is dependent upon the broadcast or SD/HD program type.



Start time = time to start recording;

End time = time to end recording;

Hour = hour; Month = month (in the example Jan = January);

Mode = frequency of recording.

Once = one-time record; Daily = record of a show broadcasted every day at the same time; Weekly = record show broadcasted once a week on the same day and at the same time;

To view information about programs available another day press **green** button: Date. EPG provides information max. 7 days ahead.

To view the Actions Plan, previously programmed, press **yellow** button.

Notification about start of the selected TV program

Press **blue** button – on the screen will be displayed submenu **Reminder setting** for programming a reminder that your selected TV show is about to start.

Importance of the individual parameters of the program is described in the preceding text of the instructions except for **Select** and **Back**.

Recording of the watched TV program

1. To record the watched TV show press the button .
2. To end recording press the  button, the TV will remain switched to program received in step 1.
3. After reducing the capacity of memory of the media used for recording below a certain (set by the manufacturer) value, an alert report will be issued. If you do not respond, the recording will be automatically terminated, but the TV set, will remain switched to the reception of recorded program.
4. Press the **INDEX** button to display the list of recordings.
To display detailed information about a program click on the button **INFO**.

6.1.6. Program Edit

Use the **▼/▲** arrow buttons to highlight **Program edit**, and to enter, press the **ENTER** button.

Color buttons: In order to facilitate editing of programs, color buttons are used for individual functions on the remote control.

Using **▼/▲** arrow buttons highlight a line in the list of programs with a TV program that you want to edit and then proceed according to following instructions:

- For the deletion of the program from the list press **red** button. (Deleted number can no longer be used. If you need it, move the previously deleted program to the end of the list.)
- To insert name of a TV program (only for the programs of the terrestrial analogue TV) press **green** button. Then using **◀/▶** buttons, select in the program name (or in the field for its insertion) a place for inserting character, selected by using **▼/▲** and for pasting press the **ENTER** button. By repeating this procedure set the program name.
- To move the program to another position, use (number) use **yellow** button. Move the highlighted program to a new position and confirm again with yellow button.
- To skip selected program press **blue** button. The program set to skip, will be skipped when you will browse through the list of programs using **CH+/-** over buttons, to receive this program use the number pad.
- Function **Favorite** allows to insert program to your list of favorite programs/remove program from the list.

6.1.7. Signal Information

This information is only available for terrestrial digital TV signal.

Using **▼/▲** highlight **Signal information** and press the **ENTER** button.

6.1.8. PVR Player (use PVR for playback)

Using **▼/▲** buttons, highlight **PVR Player** and press the **ENTER** button to enter – the playback of the recording will start.

6.2. Menu Picture

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select Picture and to display the same submenu press the **ENTER** button.

1. Using **▼/▲** buttons select the function which you want to configure from the displayed menu.
2. To set a selected function, press the **ENTER** button.
3. To set the selected function press the **MENU** button to save the result – you will be returned to the previous menu.

6.2.1. Picture Mode

1. Using ▼/▲ buttons, select **Picture mode** and press the **ENTER** button.
2. Using ▼/▲ buttons, select the desired picture mode – modes are **Dynamic**, **Standard**, **Movie** and **user** mode.

Tip:

To access directly the picture setting mode, press repeatedly the **P.MODE** button on the remote control.

6.2.2. Setting the picture functions (contrast, brightness, color saturation, hue and sharpness of contours of displayed objects)

Use ▼/▲ buttons to select the desired function and press the **ENTER** button.

Press ◀/▶ buttons to set the selected function. You can set the following functions:

- **Brightness** – to enhance the intensity of the picture and to enhance the dark parts of the picture
- **Contrast** – to enhance the picture contrast – does not affect shadows
- **Color** – settings for color saturation
- **Tint** – settings for color hue (red/green) – only for signal using TV system NTSC.
- **Sharpness** – to sharpen the contours of the displayed objects.

6.2.3. Aspect Ratio

1. Using ▼/▲ buttons, select **Aspect ratio** and press **ENTER**.
2. Using ▼/▲ buttons, select the picture aspect ratio. These picture formats can be selected: Auto, 4:3, 16:9, Zoom 1 and Zoom 2.

6.2.4. Color temp (color temperature)

By selecting color temperature (increase or decrease) according to your needs, you can set the overall impression from the picture. Possible selections are:

- **Cool** – to increase the white color to blue
- **Normal** – for a neutral picture display
- **Warm** – to increase white color hue to red
- **User** – to set the white color hue according to the user requirements

6.2.5. Noise Reduction

Possible selections are:

- **Off** – Function is not used
- **Low** – for detection and restrictions of low-level noise in the picture
- **Middle** – for detection and restrictions of mid-level noise in the picture
- **High** – for detection and restricting high level noise in the picture
- **Auto** – for automatic detection and reducing noise in the picture

6.2.6. MPEG Noise Reduction

- **Off** – Select if you do not use this function
- **Low** – for detection and restrictions of low-level MPEG noise in the picture
- **Middle** – for detection and restrictions of mid-level MPEG noise in the picture
- **High** – for detection and restricting high level noise in the MPEG picture

6.2.7. Dynamic contrast

After selecting the function, using **▼/▲** turn it on or of using **◀/▶** buttons.

6.2.8. Movie mode

After selecting the function, using **▼/▲** turn it on or of using **◀/▶** buttons.

6.2.9. Backlight

Set an appropriate level of backlight according to your needs and ambient light.

Note:

Unnecessarily strong backlight has higher power consumption and is tiring for the eyes.

6.3. Menu Sound

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Sound** and to display the same submenu press the **ENTER** button.

1. Using **▼/▲** buttons select the function which you want to configure from the displayed menu.
2. To set a selected function, press the **ENTER** button.
3. After setting the selected function press the **MENU** button to save the result – you will be returned to the previous menu.

6.3.1. Sound Mode

1. Using **▼/▲** buttons, select **Sound mode** and press the **ENTER** button.
2. Using **▼/▲** arrow buttons select the desired picture mode – modes are dynamic, **Standard**, **Music**, **Movie**, **Sport** and **User** mode.

6.3.2. Volume

After selecting the function, using **▼/▲** buttons set the required volume using **◀/▶** buttons.

6.3.3. Balance

After selecting the function, using **▼/▲** buttons set the balance of speaker volume, using **◀/▶** buttons.

6.3.4. Auto volume (Maintenance of set volume)

After the switching-on (**ON**), the function maintains set volume – e.g. for a broadcasting ads, changes in received TV program, etc.

After selecting the function, using **▼/▲** turn it **On** or **Off** using **◀/▶** buttons.

6.3.5. Surround sound (according to model)

After selecting the function using **▼/▲** buttons press **ENTER** to display submenu for setting the function.

6.3.6. AD switch (according to model)

After selecting the function, using **▼/▲** buttons set the required volume of AD function using **◀/▶** buttons.

6.3.7. SPDIF Mode (output mode from SPDIF connector)

After selecting the function using **▼/▲** buttons set the required output SPDIF output mode using **◀/▶** buttons (**Off** (output from connector will stop), **PCM** (on output connector from will be 3 PCM signal) or **Auto**).

6.4. Menu Option

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select Options and to display the same submenu press the **ENTER** button.

1. Using **▼/▲** buttons select the function from the displayed menu, which you want to set.
2. To display settings of the selected function, press the **ENTER** button.
3. After setting the selected function press the **MENU** button to save the result – you will be returned to the previous menu.

6.4.1. Time

Using **▼/▲** buttons select the function **Time** and to display submenu press **ENTER**.

Detailed information can be found further in the instructions.

6.4.2. Lock (block reception of programs unsuitable for children)

Using **▼/▲** buttons select the function **Lock** and to display submenu press **ENTER** button. Detailed information can be found further in the instructions.

6.4.3. Restore factory default (Restore factory default)

Using **▼/▲** buttons select the function **Restore factory default** and to display submenu press **ENTER**.

Click on the **◀** button to restore the factory default settings, end programming by pressing a **▶** button.

6.4.4. Network configuration

Using ▼/▲ buttons select the function Network configuration (Network Configuration) and to display submenu press **ENTER**. Detailed information can be found further in the instructions.

6.4.5. Power Save function (to save energy)

Using ▼/▲ buttons select the function **Power Save** and to display submenu press **ENTER** button.

Then using ▼/▲ buttons specify the time period, after which the TV would be switched to standby in the event that you would not perform any operation with TV, e.g. on remote control.

6.4.6. OSD language

Using ▼/▲ buttons select the function **OSD language** and to display submenu to select the languages press **ENTER**. Use the arrow buttons to select desired language, the default is English.

6.4.7. Subtitle

Using ▼/▲ buttons select the function **Subtitle**. Then using ◀/▶ buttons turn **On** or turn **Off** the subtitle display.

6.4.8. Subtitle language

Using ▼/▲ buttons select the function **Subtitle language** and to display submenu to select the languages press **ENTER**. Use the arrow buttons to select desired language.

6.4.9. Subtitle Language Secondary

Using ▼/▲ buttons select the function **Subtitle Language Secondary** and to display submenu languages press **ENTER** button, use the arrow buttons to select the desired language.

6.4.10. Hearing Impaired

If this feature is available and enabled, on the screen will be displayed text information for hearing impaired if they are broadcast (not to confuse with subtitles!).

After selecting the function, using ▼/▲ turn it **On** or **Off** using ◀/▶ buttons.

6.4.11. Audio Language

Using ▼/▲ buttons select the function **Audio Language** and to display languages submenu press **ENTER** button, use the arrow buttons to select the desired language.

6.4.12. Secondary Audio Language

Using ▼/▲ buttons select the function **Audio Language Secondary** and to display submenu of languages press **ENTER** button, use the arrow buttons to select the desired language.

6.4.13. TT Language

Using ▼/▲ buttons select the function **TT Language** and to display languages submenu press **ENTER** button, use the arrow buttons to select the desired language.

6.4.14. PVR File System

Using ▼/▲ buttons select the function **PVR File System** and to display submenu press **ENTER**.

Using ▼/▲ buttons select the function **Check PVR file system** and press **ENTER** button – speed checking of data flow over USB interface will be launched.

6.4.15. Blue Screen

In the absence of TV signal for a period longer than programmed, on the TV screen will be displayed clean blue background and at the same time sound will be muted. This function can be turned on and off.

Using ▼/▲ buttons select the function **Blue screen**, and then press **ENTER** to turn it **Off** or **On**.

6.4.16. First time installation

After selecting the function, using ▼/▲ buttons press **ENTER** button and continue with default settings of the TV set.

6.5. Menu Time

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Time** and to display the same submenu press the **ENTER** button.

6.5.1. Auto Sync

After selecting the function, using ▼/▲ buttons use for switching it on/off **ENTER** and select DTV/network/off (**Off**).

Note:

You can use network when you connect the TV to the Internet.

6.5.2. Off Time

Using ▼/▲ buttons select **Off time** and for the entry in the submenu press the button **ENTER**.

Using the **◀/▶** buttons, specify frequency of use of the program.
Program, using arrow buttons, the hour and minute time switching off of the TV.

6.5.3. On Time

Using **▼/▲** buttons select **On time** and for the entry in the submenu press the button **ENTER**.

Using the **◀/▶** buttons, specify frequency of use of the program.

Using the arrow buttons, specify the hour and minute to turn on the TV, signal source, number of the memory point with a TV program and volume.

6.5.4. Sleep Timer

The requirement for automatic switch of TV to standby after the programmed time expires, select using **▼/▲** buttons time from 0 to 240 minutes **Sleep Time** to specify the time after which the TV is to be switched to standby mode and press the **ENTER** button. By selecting **Off** the function will be cancelled.

6.5.5. Time Zone

For specifying time zone select using **▼/▲** buttons **Time zone** and to display submenu press **ENTER**. Use the arrow buttons to select time zone.

Note:

Changing time zone will change clock settings, including EPG information about programs. You do not have to take into account the summer time (Daylight Saving Time), it will be set automatically from broadcast.

6.6. Menu Lock

Menu is designed for blocking reception of certain TV programs and programs unsuitable for children and youth. To activate the locks, it is necessary to Lock the system.

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Lock** and to display the same submenu press the **ENTER** button.

For specifying your password use **Set password** screen and click **ENTER**. The factory default password is **0000**, it is possible to change it to any 4-digit number.

To select a program, which you want to block, use screen **Block program**. To display it, select **Block program** from the submenu **Lock** and press **ENTER** button.

To specify the age of the child use the **Parental Guidance** screen. If digital information about age restriction appears in the broadcast, it will be compared with the age that you entered and an unsuitable program will be blocked; to view it is necessary to enter password.

After switching to a blocked program, the user will be asked to enter valid password. If the password is not entered or if the password should be incorrect, the request viewing of the blocked program will be rejected.

6.7. Menu Network

Setting up the network

- Step 1: To connect to the RJ45 connector in the base, use the appropriate cable.
- Step 2: Call the main menu and open submenu **Option**.
- Step 3: Select **Network configuration** from the submenu **Option**.
- Step 4: Select **Wired network** from the submenu **Network**.
- Step 5: Select **Configuration** from the submenu **Wired Network**.
- Step 6: Select **DHCP** from the submenu **Network Configuration**, then press **ENTER** to confirm. If your network does not use dynamic server, you must manually enter static data, which should be provided by your network installer.
- Step 7: After settings confirmation, you will be connected to the Internet and the screen will report **Success**. You can also verify functionality by selecting **OK**.

Under the item MAC address you can verify network TV adapter address.

Note:

Similarly to the wired network, you can set a wireless network if you will connect a functional Wi-fi adapter. This will occupy one USB port.

6.8. Menu Application

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Application** and to display the same submenu press the **ENTER** button.

1. Using **▲/▼** buttons select the function you want to set.
2. To set a selected function, press the **ENTER** button.
3. After setting the selected function press the **MENU** button to save the setting – you will be returned to the previous menu.

Note:

First check correct operation of its network and then use **▼/▲** buttons to select the network you want to use, press **ENTER** to confirm.

6.9. Menu Screen of VGA connection (PC)

Press **MENU** to display main menu on the screen. Then use the **◀/▶** arrow buttons to select **Screen** and to display the same submenu press the **ENTER** button.

1. Using the **▼/▲** arrow buttons select the function you want to set.
2. To set a selected function, press the **ENTER** button.
3. After setting the selected function press the **MENU** button to save the setting – you will be returned to the previous menu.

- **Auto Adjust**
- **Horizontal**
- **Vertical Pos**
- **Phase**

Notes:

- After calling up submenu use these **▼/▲** buttons to select a function.
- For settings or launching a function use **◀/▶** buttons.

Additional information:

- After calling up submenu **Screen** MPEG noise reduction in submenu **Picture**, function **AD switch** submenu **Sound**, **Block program** and **Parental Guidance** submenu **Lock**, function **Audio Language**, **Subtitle Language**, **Hearing impaired**, **PVR file system** submenu **Option** does not function.
- In VGA modes and a PC the submenu **Channel** is not available.

7. Multimedia

Connect the playback medium to the USB connector of the TV and then switch the TV to process the medium recording by repeatedly pressing the **SOURCE** button.

Alternatively, use **◀/▶** buttons select in the submenu **SOURCE Media**, confirm by pressing **ENTER**.

Using **◀/▶** buttons select in the submenu **Media** required option, confirm by pressing **ENTER**.

7.1. Photo

Press the **MENU** button to call up the main menu, using **◀/▶** buttons select **Photo**, confirm by pressing **ENTER**. To switch to previous menu/exit menu press **MENU** button.

Using **◀/▶** buttons select the medium with the records, which do you want to play, and for starting playback press **ENTER**. To switch to previous menu, select **Back** using **◀/▶** buttons.

In the menu file selection, select using **◀/▶** buttons the photo file that you want to play, and press **ENTER** to display the selected photo.

To highlight the selected option, on the right will be displayed information about the file and in the center of the screen will be displayed image preview.

Using **◀/▶** buttons select in the selection file menu the folder that you want to search, and for the entry in the submenu press **red** button or **ENTER** button.

For deleting a photo file select in the submenu for file selection the file (photo) that you want to delete, and press the **red** button **ENTER**.

7.2. Music

Using **◀/▶** buttons select from the main menu **Music**, confirm by pressing **ENTER**. To switch to previous menu or to exit menu press the **MENU** button.

Using **◀/▶** buttons select the medium with the files, which do you want to play, and for starting playback press **ENTER**.

To switch to previous menu, select **Back** using **◀/▶** buttons.

To highlight the selected option, on the right will be displayed information about the file and in the center of the screen will be displayed the picture graphics.

In the menu file selection, select using **◀/▶** buttons the file you want to play, and to add to the playlist; to display detailed information about the files click on the button **MEDIA**.

Using **◀/▶** buttons select in the bottom part of the screen the menu you want to use, press **ENTER** to confirm.

To switch to previous menu, select **Back** using **◀/▶** buttons.

To switch off the menu displayed in the bottom part of the screen press **▼**.

7.3. Menu Movie

Use the **◀/▶** buttons to select from the main menu **Movie**, confirm with **ENTER**. To switch to previous menu or to exit menu press the **MENU** button.

Using **◀/▶** buttons select the medium with the files, which do you want to play, and for starting playback press **ENTER**.

To switch to previous menu, select **Back** using **◀/▶** buttons.

To highlight the selected option, on the right will be displayed information about the file and in the center of the screen will be displayed the movie preview.

Press **MEDIA** to play the selected movie.

To select menu displayed in the bottom part of the screen use the button **DISPLAY**, to play selection press the **ENTER** button.

If the film has more Audio tracks or external subtitles with the same name as the movie stored in the same folder, you can turn them on by pressing **AUDIO** or **SUBTITLE** and choose among them using arrow buttons.

To switch to previous menu or to exit menu press the **MENU** button.

8. Teletext

To switch TV set to teletext reception

1. Switch the TV to receive TV program, which broadcasts teletext.
2. To switch TV set to teletext reception press .
3. Press the button again  to switch TV to **Mix** mode (Display the teletext on the background of the broadcast TV program).
4. Press the  button again to switch the TV set to TV reception.

Select the required page of the teletext

1. Insert the required page number in a three digit format – the page will be found and displayed. If you make an error, finish entering (of incorrect) three digit number and then enter the correct number of the required page.
2. For the gradual page selection of teletext in ascending and descending order use the / buttons.

Stop rotation of the teletext subpages

Some large teletext pages are being broadcast over several subpages, while the speed of change of the subpages is determined by the broadcaster. To stop the gradual changes of the teletext subpages, press , to restore gradual rotation of teletext subpages by pressing the button again.

Zoom to teletext characters

1. Click on the  button – on the screen will be displayed the upper half of the teletext page with double sized characters (compared to the normal size of teletext characters).
2. Press the  button again – the lower half of the teletext page will be displayed with double size of characters (compared to the normal size of teletext characters).
3. Third press of a  button will display the entire page of the teletext with normal size characters.

Display hidden teletext information

To display hidden teletext information (e.g. Responses in the various competitions) press . Press again to hide the displayed information.

Search for required subpages

Some of the teletext information is displayed on several subpages.

1. Switch to the teletext page whose subpage you want to find.
2. To find the subpage directly, press  button and then enter the four digit number of the required subpage using number pad (e.g. search for third subpage enter 0003) and wait for its display.
3. Press again the  button.
4. To exit from search mode press the subpages  button.

Use of color buttons

Use the color buttons displayed in the bottom part of the screen for direct call up of the information marked on the buttons.

Superteletext (HbbTV)

Some television stations broadcast a new version of teletext and other functions labeled as hybrid TV (connection to the Internet). Your TV will note the presence such broadcasts and will verify the internet function and availability of servers (floating icon Loading). If the result is positive, then it displays the input button to this function of the given program, usually **red** button. The text and images become available. The function is not intended for watching films.

9. Troubleshooting

Before you call for a service

Before calling for service, please perform simple checks and resulting tasks described in the following text. If you fail to remove the problem, find professional service.

PROBLEM	Possible correction
Video and audio are missing.	<ul style="list-style-type: none"> Please check your power supply to TV connection. Please check if your TV was switched on with POWER  button on the TV set. Check adjusting contrast and brightness.
Video works, audio is missing.	<ul style="list-style-type: none"> Check the volume setting. Did you press the  button? Please check your reception from another TV program. Are the cables properly connected?
Remote control malfunctioning.	<ul style="list-style-type: none"> Remove fixed obstacles from the space between the remote control and TV. Are there batteries in the remote control? Is the remote control set for television?
Unexpected shutdown of the TV set.	<ul style="list-style-type: none"> Did you program an automatic TV shutoff? Was there an interruption of power supply?
Slow picture forming after switching-on television.	<ul style="list-style-type: none"> This phenomenon is normal, however, if the picture does not appear in 5 minutes, contact professional service.
A low-quality image, wrong color.	<ul style="list-style-type: none"> Set color saturation. Place your VCR at a greater distance from the TV set. Try receiving another TV program. Are video cables properly installed?
Horizontal or vertical stripes on the screen, blurry picture.	<ul style="list-style-type: none"> Local interference by electrical appliances.
A low-quality signal of some of the programs.	<ul style="list-style-type: none"> Switch to a different program. Weak signal – use more powerful antenna. Please check your signal source.
Lines in the picture.	<ul style="list-style-type: none"> Change direction of the antenna.
There is no output from one speaker.	Set balance of speakers (Sound submenu, function Balance)

10. Technical data

Model	SLE 3280M4
Panel size	32"
Consumption	60 W
Standby power consumption	0.5 W
Nominal voltage	110–240 V~
Remote control	YES
VESA wall mount	100
Dimensions with stand (W × H × D)	730 × 205 × 450 mm
Dimensions w/o stand (W × H × D)	730 × 38 × 420 mm
Dimensions of package (W × H × D)	795 × 142 × 540 mm
Weight netto with stand	8 kg
Weight netto w/o stand	7,5 kg
Connections	
RF IN	1
AV in	1
SCART	1
Component YPbPr	1
VGA (D-Sub 15 pin)	1
HDMI	3
SPDIF coaxial	1
USB	2
USB supported formats	USB 2.0
CI slot	1
Other features	
WXGA resolution	
Brightness (cd/m ²)	600
Aspect ratio	16:9
Dynamic contrast	1000000:1
Response time (ms)	4 ms
Colours	16.8M
Colour temperature settings	Yes
Viewing angle	178°/178°
Built-in tuner	Yes

Video system	Yes
Audio system	Yes
Stereo sound	Yes
Sound output	Yes
PVR recording to USB	Yes
Pitch correction	Yes
Progressive Scan	Yes
Timeshift function	yes
Electronic Programme Guide EPG	Yes
Teletext	Yes
Teletext pages	1000
Comb filter	3D
OSD menu	Yes
Zoom	Yes
Noise reduction	Yes
Timer off /on/sleep	Yes
Subtitles	Yes
Audio language	Yes
Channel list	Yes
Favourites list	Yes
Picture freeze	Yes
Radio	Yes
Lock	Yes
Parent lock	Yes
Hotel mode	Yes

Notes:

- Given that various screens might be used with the TV set, we can change the weight of the TV set featured in the manual without prior notice.
- Design may change without prior notice.

- All the pictures in this manual are intended only for information of the user and may differ from reality.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.



DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES

The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product.

The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This appliance complies with EU rules and regulations regarding electromagnetic and electrical safety.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.



EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

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